L 32791-66

ACC NR: AP6023769   SOURCE CODE: YU/0015/65/000/02-/0069/0070

AUTHOR: Milosevic, Sava (Doctor); Vidakovic, Dobrinka

ORG: Federal Institute of Public Health/directed by Doctor H. Kraus/, Belgrade
(Savezni zavod za zdravstvenu zastitu)

TITLE: Medical center and its tasks

SOURCE: Medicinski glasnik, no. 2-3, 1965, 69-70

TOPIC TAGS: medical facility, medicine

ABSTRACT: General review of organizational and administrative position and
tasks of the Medical or Health center in Yugoslavia according to recent
legislative changes: status and relationship with various communal authorities
and institutional cooperation; role in education and in treatment; monitoring
by the various persons and organizations involved of the Center functions.
[JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 003

Card 1/1

KONSTANTINOVIC, Ivan; LICHT, Antun; VIDAKOVIC, Helena

Alcoholism in school children in the Subotica District; Higijena,
Beogr. 9 no.2-3:147-153 1957.
            (ALCOHOLISM, in inf. & child
                        school child. in Yugosl. (Ser))

M. VIDAKOVIC

"A contribution to the identification of pinus halepensis Mill." p. 11 (SUMARSKI LIST, Vol. 77, no. 1, Jan. 1953, Zagreb, Yugoslavia)

SO: Monthly List of the East European Accessions, L.C., Vol. 2, No. 7, July 1953, Uncl.

VIDAKOVIC, M.

VIDAKOVIC, M.   Importance of anatomic structure of needles in species of black
              pine in Yugoslavia. p. 244.

Vol. 79, no. 7/8, July/ Aug 1955
SUMARSKI
Zagreb, Yugoslavia

So: Eastern European Accession Vol. 5 No. 4 April 1956

VIDAKOVIC, M.

Genetics in forestry. p. 103
(GLASNIK, Vol. 80, No. 3/4, Mar./Apr. 1956

SO: Monthly List of East European Accessions (EEAL)LC Vol. 6, No. 12, Dec. 1957
Uncl.

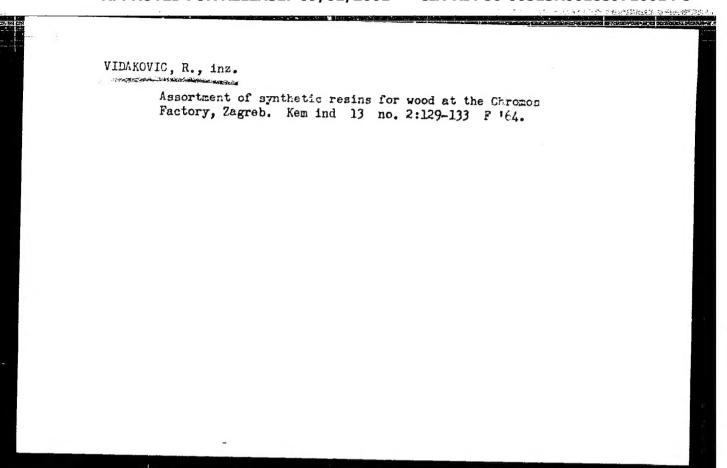FIOLIC, V., inz.: VIDAKOVIC, R., inz.

Some observations on the use of Tekstofix in textile industries.
Kemija u industriji no.5:301-303 My '62.

FIOLIC, V., inz.; VIDAKOVIC, R., inz.

Problem of freeing plywood sheets from formaldehyde.
Kem ind 13 no. 2: 125-128 F '64.

VIDAKOVIC, R., inz.

Assortment of synthetic resins for wood at the Chromos
Factory, Zagreb. Kem ind 13 no. 2:129-133 F '64.

VIDAKOVIC, S.

Structure of multistoried dwellings and urban municipal services and analytic study. p. 687. TEHNIKA (Savaz inzenjera i techicara Jugoslavije) Beograd. Vol. 11, no. 5, 1956

SOURCE: East Europe Accessions Lists (EEAL), Library of Congress, Vol. 5, no. 11, Nov. 1956

VIDAKOVIC S.

YUGOSLAVIA/Tumors   U-4

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 27912

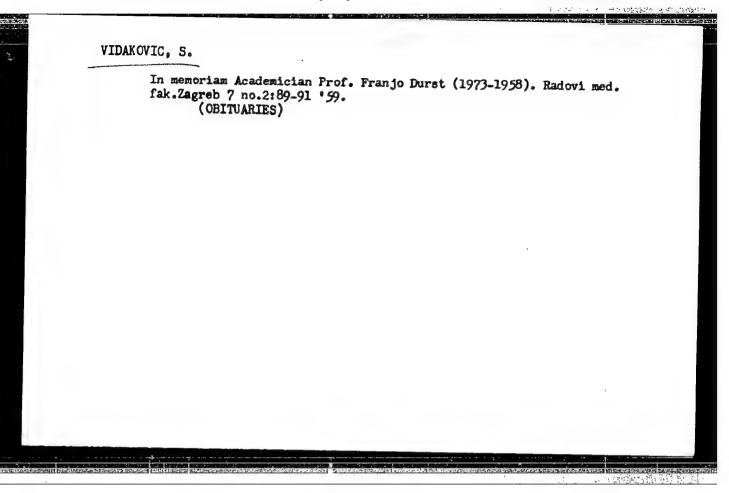Author   : Vidakovic, S., Dekaris, M., Grgurevic, M.
Inst   : Not Given
Title   : The Treatment of Carcinoma of the Cervix

Orig Pub : Lijecn. vjesn., 1956, 78, No 7-8, 316-330

Abstract : 1437 patients with carcinoma of the cervix were treated in
           gynecologic clinics at Zagreb. Of 603 patients (stages I and
           II) 241 females (39.9%) were subjected to various methods
           of surgical treatment. 71.4% were cured. Surgical inter-
           vention was resorted to in 14 patients, with stages III and
           IV, following irradiation. Postoperative death rate was
           1.5%. Severe complications were observed in lu patients.
           X-ray therapy was used on 1182 patients. Positive five-
           year results for all stages comprised 30.5%. The overall
           cure rate was 37.3%. Histological diagnosis of adenocarcinoma
           does not require surgical treatment. The authors believe that
           the best treatment is a combination of surgery and irradiation.
Card   : 1/1

43

VIDAKOVIC, S.

In memoriam Academician Prof. Franjo Durst (1973-1958). Radovi med.
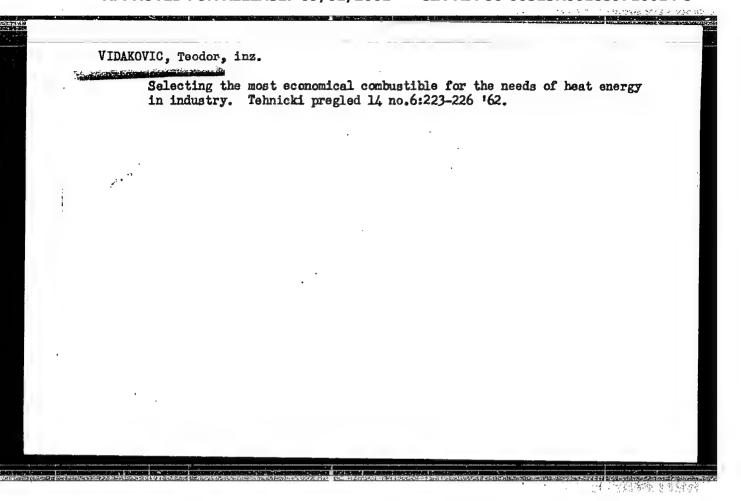fak.Zagreb 7 no.2:89-91 '59.
        (OBITUARIES)

VIDAKOVIC, Stjepan; BAGOVIC, Pero; DRAZANCIC, Ante; RAPIC, Smail

Physiology of uterine contractions and its measurement.   Radovi med.
fak., Zagreb 7 no.3:221-232 '59.
       (UTERUS physiol)

VIDAKOVIC, Teodor, inz.

　　　　Automatic control of the operational output of machines.
　　　　Tehnicki pregled 13 no.4:151-156 '61.

VIDAKOVIC, Teodor, inz.

Selecting the most economical combustible for the needs of heat energy
in industry. Tehnicki pregled 14 no.6:223-226 '62.

VIDAKOvIC, Velibor, inz., saradnik (Beograd, Jevrema Grujica 14); MILOJEVIC, Mihajlo, ekon., saradnik

A plan for the development of urban traffic in Serbia. up to 1970. Tehnika Jug 19 no.6: Suppl: Hemindustrija 18 no.6:1143-1150 Je '64.

1. Belgrade Urbanization Office, Belgrade.

SKARICA,Radoslav,dr.; VIDAKOVIC,Zdenko,dr.; KADRNKA,Rajka,dr.

    Significance of Ortolani's position in early roentgenological
diagnosis of congenital hip dislocation. Lijec. vjes. vjes. 81
no.11:819-825 '59.

    1. Iz Zavoda za rentgenologiju i Odjela za djecje bolesti
bolesti Opce bolnice "Dra. M. Stojanovica" u Zagrebu.
        (HIP fract. & disloc.)

VIDAKOVIC, Zdenko, Dr.; BALOG, Marijan, dr.

Use of water-soluble and isotonic propyliodone in bronchography.
Lijec. vjes. 78 no.11-12:546-549 Nov-Dec 56.

1. Iz Zavoda za rentgenologiju i Odjela za uho, nos i grlo Opce
bolnice dr. Stojanovica u Zagrebu.
        (CONTRAST MEDIA,
            water-soluble & isotonic propyliodone in bronchography
            (Ser))
        (BRONCHI, radiography
            water-soluble & isotonic propyliodone contrast medium (Ser))

SOV/86-58-8-20/37

AUTHOR: Vidakas, Yu.E., Engr Maj

TITLE: Adjustment of Radar Sights (Yustirovka radiolokatsion-
             nykh pritselov)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 8, pp 56-58 (USSR)

ABSTRACT: The article describes the adjustment of radar sights
             by a method suggested by an officer of an air force
             unit, A.T. Nikolayev. By this method the adjustment
             of sights is made with the aid of an "artificial tar-
             get" which, after some modifications, can be success-
             fully used instead of the radar tester and the pulse
             generator. The device "artificial target" is a pulse
             generator of high frequency, operating on the same
             frequency as the radar sight to be adjusted, and is
             triggered by the high frequency signals. At each pulse
             of the sight the device responds with one high frequency
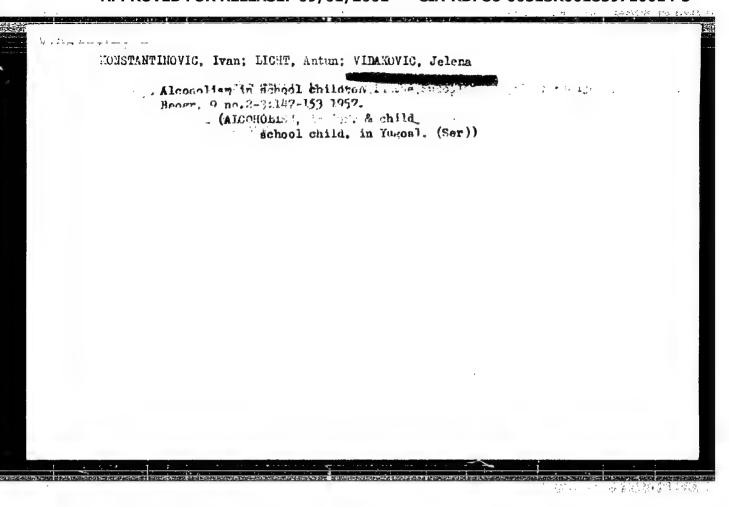   pulse of the same duration, but with some delay. Thus

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Adjustment of Radar Sights   SOV/86-58-8-20/37

       the device simulates the real targets at any given dis-
tance. The accuracy of adjustment by this method, ac-
cording to the author, is sufficiently high. Three
diagrams.

Card 2/2

KONSTANTINOVIC, Ivan; LICHT, Antun; VIDAKOVIC, Jelena

. Alcoholism in school children. ~~~~~~~~~~~
Beogr. 9 no.2-3:147-153 1952.
      . (ALCOHOLISM, ~~~~~~ & child
            school child. in Yugosl. (Ser))

VIDAKOVIC, V. ; BEROVIC, D.

Armored brigade in defensive maneuver. p. 26.

VOJNI GLASNIK. (Jugoslavenska narodna armija) Beograd, Yugoslavia
Vol. 9, no. 8, Aug. 1955

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959.

Uncl.

YUGOSLAVIA/General Biology - Genetics.

Abs Jour   : Ref Zhur - Biol., No 5, 1958, 19122

Author   : Vidakovich
Inst   :
Title   : Genetics in Forestry.

Orig Pub   : Sumarski List, 1956, 80, No 3-4, 103-110

Abstract   : No abstract.

Card 1/1

LIHT, Antun, Dr.; VIDAKOVIE, Jelena, lek. Pomocnik

Fungi from damp dwellings as a cause of allergy. Higijena,
Beogr. 8 no.2-3:212-213 1956.

1. Higijenski zavod u Subotici.
  (ALLERGY, etiol. & pathogen.
      fungi in damp dwellings (Ser))
  (FUNGUS DISEASES, etiol. & pathogen
      allergy from fungi in damp dwellings (Ser))

ACCESSION NR: AT4022941

P/2536/63/000/004/0003/0026

AUTHOR: Vidal, Pierre

TITLE: Analysis of stability of nonlinear sampled data control

SOURCE: Oliwice. Politechnika Slaska. Zeszyty naukowe, no. 90, 1963. Automatyka (Automation) no. 4, 3-26

TOPIC TAGS: control system, sampled data control system, nonlinear control system, automatic control system, control system stability, pulse width modulation, control system analysis, voltage stabilizer

ABSTRACT: Paper presents an analysis of an industrial voltage stabilizing system whose operation has a nonlinear sampled data nature. The stability of a nonlinear sampled data control system with pulse width modulation is discussed. Author attempted to find asymptotic stability conditions for a system containing controlled rectifiers. The area of the asymptotic stability show in 01 of the Enclosure can be defined from the equations:

Card 1/5 4

ACCESSION NR: AT4022941

and

$$\varepsilon_2 = \frac{2T}{k}\left(\frac{T}{k}\cdot\frac{1+D}{AD} - 1\right) \tag{1}$$

$$\varepsilon > \frac{AD}{1+D}\left(e^{\alpha(+)\frac{T_a}{T}} - 1\right) \tag{2}$$

The amplification k, defined by equation (1), permits a computation of the maximum step ε_2 which is permissible with respect to stability. The

instability area is contained between two asymptotic stability areas. All points found in this are yield non-zero or fluctuating erros, and do not have asymptotic stability. Author also discusses a sampled data system with pulse width modulation and dynamic nonlinearity. The asymptotic stability area is defined by the inequalities

Card 2/5 4

ACCESSION NR: AT4022941

$$\begin{cases} c < c'_2 \\ \varepsilon > \varepsilon_0 \end{cases} \quad \frac{k'}{T} \varepsilon'_2 = \log \left(1 + \varepsilon'_2 \frac{1+D}{AD}\right)$$

$$\varepsilon_0 = \frac{AD}{1+D} \left(e^{\alpha (\pm) \frac{T_a}{T}} - 1 \right) \qquad (3)$$

These findings are then used to design a nonlinear correction element with which an optimal operation of the entire control system can be achieved. The introduction of the nonlinear element brought about a higher accuracy in the control of the output voltage under steady state conditions. On the other hand, there is greater chance of larger disturbances in the open circuit, owing to which the system responds very quickly to disturbances. The nonlinear element made it possible to obtain maximum (optimal) parameters of the dynamic state which were in harmony with the stability conditions. "The present work was carried out at the Department of Control Theory of the Silesian Polytechnic under the direction of Professor Doctor Stefan Wegrzyn. Author wishes to thank him for his constant help and advice. Author also wishes to thank the personnel of the Department of Control Theory."

Card 3/5

ACCESSION NR: AT4022941

Orig. art. has: 21 figures and 14 equations.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 13Apr64

ENCL: 01

SUB CODE: CG, GE

NO REF SOV: 000

OTHER: 002

Card 4/6

WEGRZYN,S., VIDAL,P.

Asymptotic stability of gauged systems. Bul Ac Pol tech 11 no.2:99-101 '63.

1. Chaire de la Theorie de Regulation, Institut Polytechnique de Silesie, Gliwice, et Laboratoire de Genie Electrique, Universite de Toulouse, France. Presented by J.Groszkowski.

VIDALI, Primoz

A case of toxic reaction of the bone marrow to cytostatic drugs treated by bone marrow transplantation. Zdrav. vestn. 33 no.6: 178 '64

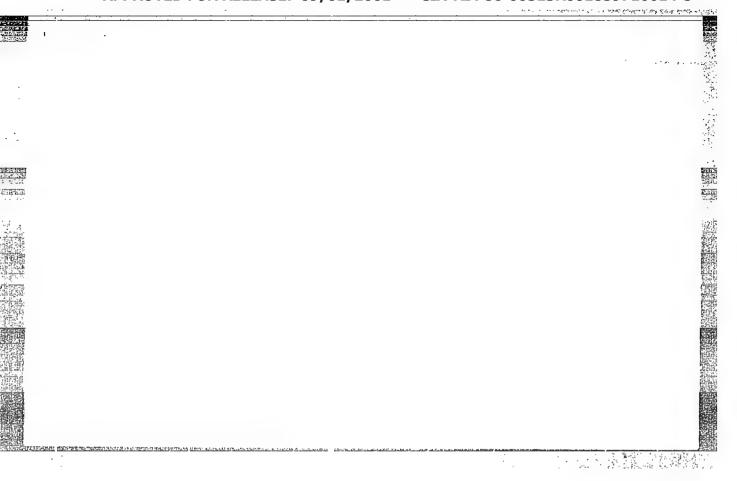1. Interni oddelek splosne bolnisnice Jesenice (Predstojnik: prim.dr. Fr.Brandstetter).

WEGRZYN, S.; VIDAL,P.

Certain Liapunov function and the asymptotic stability of
gauged systems. Bul Ac Pol tech 11 no.1:45-51 '63.

1. Chaire de Theorie de Regulation, Universite Technique de
Silesie, Gliwice, et Laboratoire de Genie Electrique, Uni-
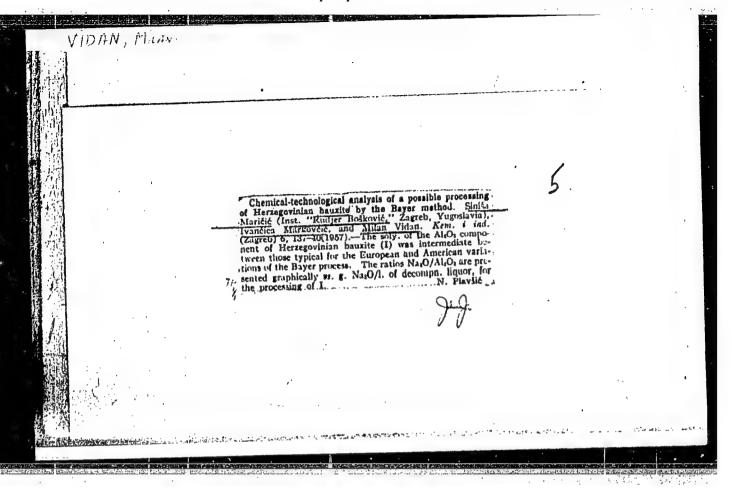versite de Toulouse, France. Presented by J.Groszkowski.

NASTASE, M. Sr.; VIDAN, M.

Variation of the absorption coefficients of X rays, depending on the thickness of the absorbing material. Rev mec appl 9 no.5:1101-1114 '64.

1. Institute of Applied Mechanics, Bucharest.

The kinetics of formation of aluminum hydreride by seeding sodium aluminate solutions with hydrargillite crystals. III. The effect of coarse-grained seed. S. Maric̆é and M. Vidan (Inst. Lake Metale, Zagreb. Yugoslavia). Arhiv Kem. 27, 215-10 (1955)(in English); cf. C.A. 49, 15a67a.--Decompn. rates and particle-size cumulative distribution curves, obtained by pptg. $Al_2O_3.3H_2O$ from Na aluminate solns. by seeding with coarse-grained $Al_2O_3.3H_2O$ crystals, give further evidence that nucleation is due to fine particles independently of the coarser ones.
                                           N. Plavs̆ié.

VIDAN, Milan

5.

Chemical-technological analysis of a possible processing of Herzegovinian bauxite by the Bayer method. Siniša Maričić (Inst. "Rudjer Bošković," Zagreb, Yugoslavia), Ivančica Marković, and Milan Vidan. *Kem. i ind.* (Zagreb) 6, 13?–40(1957).—The soly. of the Al_2O_3 component of Herzegovinian bauxite (I) was intermediate between those typical for the European and American variations of the Bayer process. The ratios Na_2O/Al_2O_3 are presented graphically vs. g. $Na_2O/l.$ of decompn. liquor, for the processing of I. .... N. Plavšić

ViDAN, M,

B-8

YUGOSLAVIA/Physical Chemistry - Thermodynamics,
          Thermochemistry, Equilibria, Physical-Chemical
          Analysis, Phase Transitions.

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 390

Author   : P. Bogdanovic, S. Maricic, M. Vidan.

Inst   : -
Title   : The Kinetics of The Formation of Aluminium Hydroxide by
            Seeding Sodium Aluminate Solutions with Hydrargillite
            Crystals. IV. On the "Contact-Intercrystallization."

Orig Pub : Croat. chem. acta, 1956, 28, No 3, 155-162

Abstract : It is shown that the growth of $Al(OH)_3$ grains in solutions
            of Na aluminate deposited by hydrargillite is caused by
            merging of separate little particles, which has been cal-
            led "the contact intercrystallization". A method of choo-
            sing among various crystallization mechanisms is proposed.

Card 1/2

YUGOSLAVIA/Physical Chemistry - Thermodynamics,   B-8
            Thermochemistry, Equilibria, Physical-Chemical
            Analysis, Phase Transitions.

Abs Jour   : Ref Zhur - Khimiyu, No 1, 1958, 390

                It is based on the study of the dependence of the ratio
                between the final number of particles and the initial on
                time. Also, some proposals concerning the practical ap-
                plication are brought forward. The most convenient me-
                thod of computation of the distribution of particle
                weights according to their dimensions is discussed.
                See part III in RZhKhim, 1957, 25983.

Card 2/2

VIDAN, MILAN

YUGOSLAVIA/Chemical Technology - Chemical Products and Their
      Application - Elements, Oxides, Mineral Acids,   H-8
      Bases, Salts.

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 8603

Author   : Maricic Sinisa, Markovcic Ivancica, Vidan Milan
Inst   : -
Title   : Technological Study of the Possibility of Processing
             Herzegovina Bauxites by the Bayer Method. I. Chemical
             Laboratory Method of Bauxite Classification and Planning
             of Industrial Scale Experiments.

Orig Pub : Kemija u industriji, 1957, 6, No 5, 137-140

Abstract : No abstract.

Card 1/1

YUGOSLAVIA/Chemical Technology, Chemical Products   H-8
          and Their Applications. Elements. Oxi-
          des. Mineral Acids. Bases. Salts.

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23964

Author   : Vidan, M.
Inst   : —
Title   : Effect of Mixing on the Decantation Process
           Involving Red Residue Obtained in the Refi-
           ning of Herzegovina Bauxites.

Orig Pub : Kemija u industriji, 1958, 7, No 5, 117-120

Abstract : It is established experimentally that the
           behavior of red residue (formed in the ma-
           nufacture of Al_2O_3 in accordance with the
           Bayer method) in the decantation depends
           on agitation of the reaction mixture during

Card   : 1/2

YUGOSLAVIA/Chemical Technology. Chemical Products   H-8
          and Their Applications. Elements. Oxi-
          des. Mineral Acids. Bases. Salts.

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23964

          the alkalization stage. The degree of
          particle aggregation is affected by coa-
          gulating agents, however, the end result
          depends largely on the mixing of pulp.
          An intense mixing irreversibly destroys
          structure of the residue, while aggregates,
          formed under the influence of coagulating
          agents, have lower density.

Card   : 2/2

                    11-39

NASTASE, M. Gr.; VIDAN, M.

Variation of coefficients of absorption of X rays depending on the thickness of absorbing material. Studii cerc mec apl 16 [i.e. 15] no.3:729-744 '64.

1. Submitted February 21, 1964.

Proizvodstvo muchnykh konditerskikh izdeliy (Production of farinaceous confectionary,
by) <u>K. Kh. Vidanov</u> i S.A. Kotel'nikov. Moskva, Pishchepromizdat, 1953.
207 p. illus., diagrs., tables
Literatura: p. 208

SO: N/5
    722.311
    .v6

VIDALOV, K. Kh.

"Investigation in the Field of Technological Combination and the Typical Planning of Enterprises in the Food Industry." Cand Tech Sci, Leningrad Technological Inst of the Refrigeration Industry, Min Higher Education USSR, Leningrad, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (13)
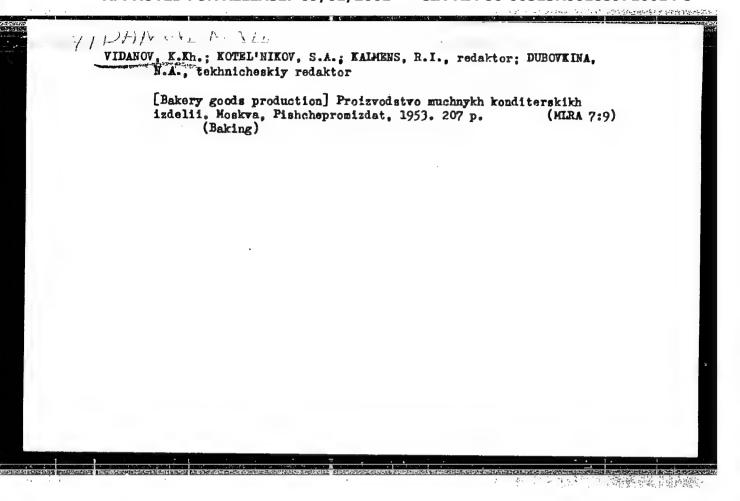SO: Sum. No. 598, 29 Jul 55

2854   Videnov, K. Kh.

Issledovanie v oblasti tekhnologicheskogo kombinirovaniya i tapovogo procekhtirovaniya preduriyatiy pishevoy promyshlennosti. (na primere proizvodstv muchnykh izdeliy shirokogo assortimenta). L., 1954. 15 s. s graf. 20 sm. (M-vo vyssh. obrazovaniya SSSR. Leningr. tekhnol. in-t kholodil'- noy prom-sti). 100 Ekz. B. ts. - (54-56163)

VIDANOV, K. Kh.

"Investigation in the Field of Technological Combination and the Typical Planning of Enterprises in the Food Industry." Cand Tech Sci, Leningrad Technological Inst of the Refrigeration Industry, Min Higher Education USSR, Leningrad, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

VIDANOV, K.Kh.; KOTEL'NIKOV, S.A.; KALMENS, R.I., redaktor; DUBOVKINA,
N.A., tekhnicheskiy redaktor

[Bakery goods production] Proizvodstvo muchnykh konditerskikh
izdelii. Moskva, Pishchepromizdat, 1953. 207 p.   (MIRA 7:9)
        (Baking)

MARKHEL', Pavel Sil'vestrovich, kand. tekhn. nauk; SMELOV, Sergey
Vasil'yevich, master-konditer; MASLOV, Ivan Nikolayevich,
kand. tekhn. nauk; DANILEVSKAYA, Valentina Vladimirovna,
kand. tekhn. nauk; GOPENSHTEYN, Yuriy Lazarevich, inzh.;
VIDANOV, Konstantin Kharitonovich, inzh.; ZAPENINA, Nina
Vasil'yevna, kand. tekhn. nauk; SOKOLOVA, Nina Ivanovna,
tekhnolog; PRITYKINA, L.A., red.; KISINA, Ye.I., tekhn.red.

[Confectionery products made with flour] Muchnye konditer-
skie izdeliia. [By] P.S.Markhel i dr. Moskva, Pishche-
promizdat. Pt.1.[Making of pastries, torten, cakes, oriental
and dietetic products] Proizvodstvo pirozhnykh, tortov, keksov,
vostochnykh i dieticheskikh izdelii. 1962. 679 p.
                                                    (MIRA 16:7)

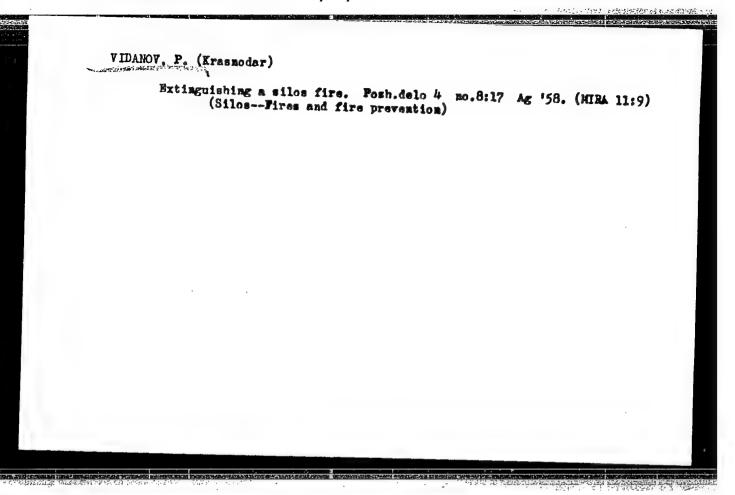   (Baked products)
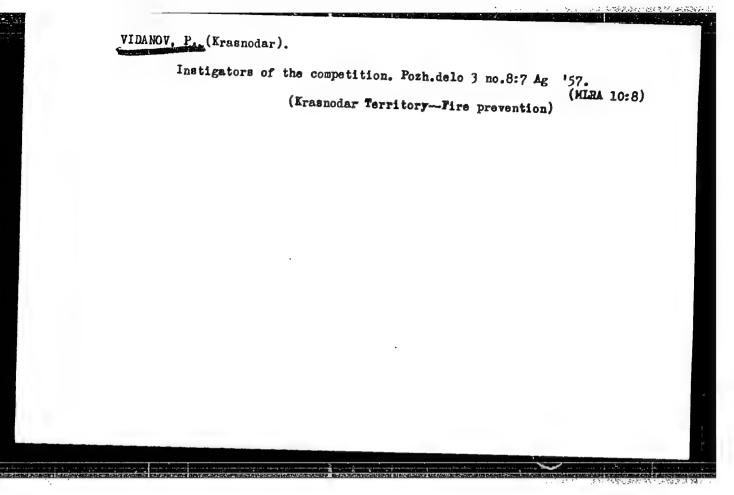
VIDANOV, Konstantin Kharitonovich; TOKAREV, L.I., kand. tekhn.nauk,
      spets. red.; PRITYKINA, L.A., red.; KISINA, Ye.I., tekhn.
      red.

      [Baked products]Muchnye konditerskie izdeliia. Moskva, Pi-
      shchepromizdat. Pt.2.[Production of cookies, bisquits,
      crackers, gingerbread and waffles]Proizvodstvo pechen'ia,
      galet, krekerov, prianikov i vafel'. 1962. 233 p.
                                 (MIRA 15:8)

          (Baked products)

VIDANOV, P. (Krasnodar)

Extinguishing a silos fire. Pozh.delo 4 no.8:17 Ag '58. (MIRA 11:9)
(Silos--Fires and fire prevention)

VIDANOV, P. (Krasnodar).

Instigators of the competition. Pozh.delo 3 no.8:7 Ag '57.

(Krasnodar Territory—Fire prevention)   (MLRA 10:8)

SINYAKOV, Aleksandr Borisovich; ANTIPOVA,Anisiya Ivanovna;
KARASEVA, Nina Nikolayevna; AVER'YANOVA, T.N., inzh.,
retsenzent: VIDANOVA, R.I., prepodav., retsenzent;
GUR'YANOVA, N.I., prepodav., retsenzent; DATNER, M.G.,
inzh., retsenzent; KARASEV, V.K., kand. tekhn. nauk,
nauchn. red.; GABOVA, D.M., red.

[Technology of clothing manufacture] Tekhnologiia shvei-
nogo proizvodstva. Moskva, Legkaia industriia, 1965. 409 p.
(MIRA 18:7)

VIDANOV, V.A., KASHEKOV, L.Ya., inzhener; YAKUSHENKOV, S.M., inzhener; MATVEYEVA, Ye.N., tekhnicheskiy redaktor

[BN-3 drilling and pumping unit developed by V.A.Vidanov] Buril'no-nasosnaia ustanovka BN-3 sistemy V.A.Vidanova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1957. 21 p. (MIRA 10:7)

1. Vsesoyuznyy institut mekhanizatsii (for Kashekov, Yakushenkov) (Boring machinery) (Pumping Machinery)

VIDANOVIC-SAZDA, GAVRILO

Visok; privredno-geografska inspitivanja. Beograd,
Nauona knjiga, 1955. 195 p. (Srpska Akademija nauka.
Posebna izdanja, knu. 238)

SOURCE: East European Accessions List, (EEAL) Library
of Congress, Vol. 5, No. 8, August, 1956.

VIDAR, M.

Problems of glass packaging in our canning industry with special
reference to the system of sealing and proposals for improving
existing conditions. p. 1229. TEHNKA (Savaza inzenjera i techicara Jug-
oslavije) Beogard. Vol. 11, no. 8, 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

VIDAS-POSEDEL, Zdenka

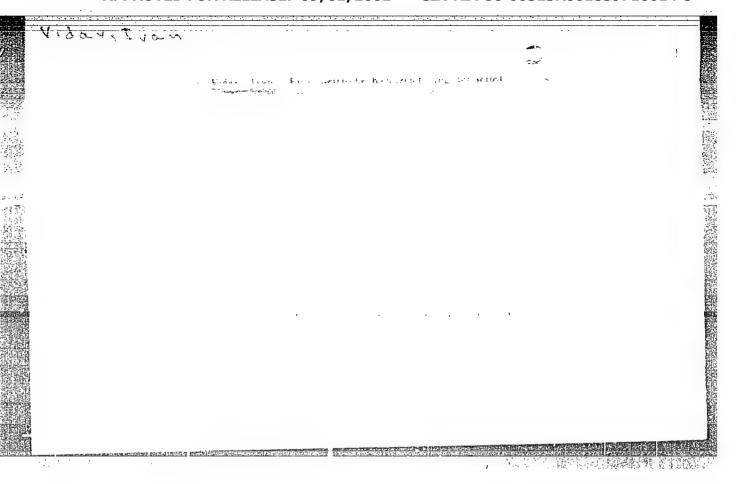Pag; a contribution to the knowledge of insular settlements. Geogr glas 22:67-78 '60 (publ '61).

KOZLOV, I.; LYSOV, P. (Syktyvkar); VIDASHCHENKO, N., slesar'

Readers report. Sov. profsoiuzy 19 no.1:20-21 Ja '63.
(MIRA 16:1)

1. Neshtatnyy korrespondent zhurnala "Sovetskiye profsoyuzy",
Bukhara (for Kozlov). 2. Khar'kovskiy zavod torgovogo mashino-
stroyeniya (for Vidashchenko).

(Labor and laboring classes)

Vidav, Tjan

VIDAV, I.

Construction of Positive Linear Forms

V Vidav, Ivan. Construction de quelques formes linéaires positives. Acad. Serbe Sci. Publ. Inst. Math. 11 (1957), 67–72.
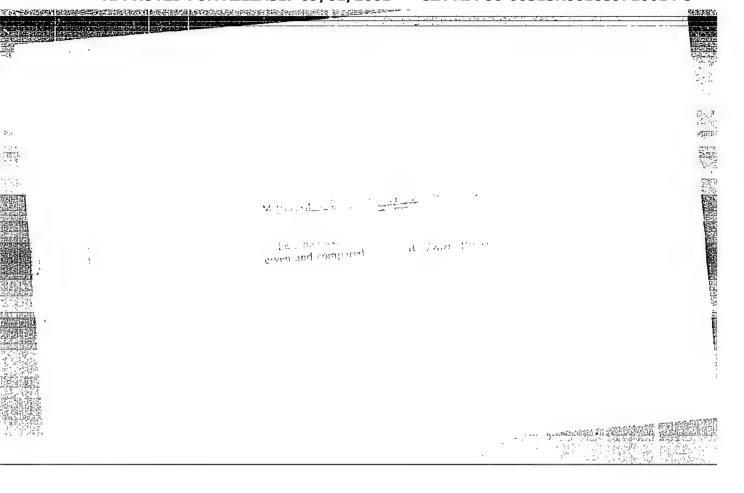
Let A be a *-algebra with unity 1 over the complex field generated by three self-adjoint elements a, b, c for which the relations $bc - cb = ia$, $ca - ac = ib$, $ab - ba = ic$, $i = \sqrt{-1}$ hold. A real number λ is said to be an eigenvalue of the self-adjoint element $x(\in A)$, if there exists a linear form $f(x)$ satisfying $f(xx^*) \geq 0$ for every $x \ (\in A)$ and $f[(x - \lambda \cdot 1)x] = 0$. The author determines all eigenvalues of the self-adjoint element $a^2 + b^2 + c^2$, and he constructs the linear forms $f(x)$ corresponding to the eigenvalues. This investigation is of some interest also from the point of view of quantum mechanics. A. Kertész (Debrecen)
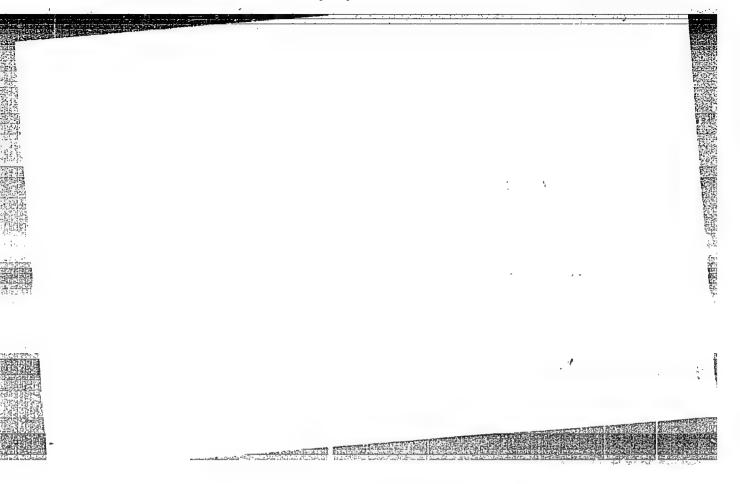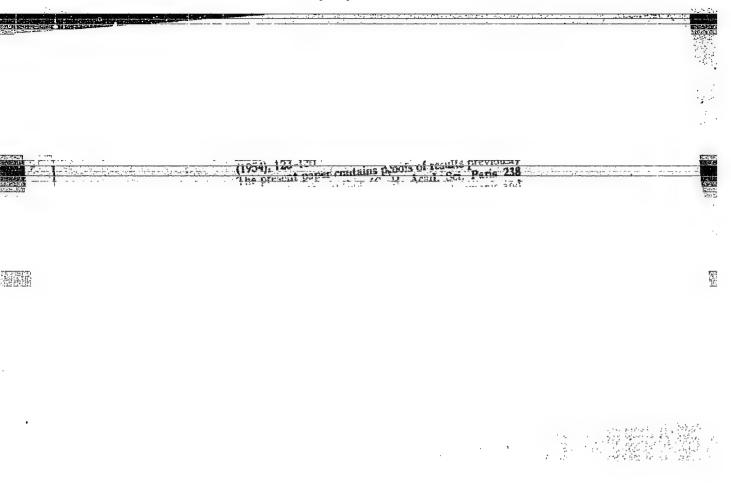
VIDAV, IVAN.

Vidav, Ivan. Visja matematika.   Ljubljana (Drzavna zalozba Slovenije) 1949.   Vol. 1.
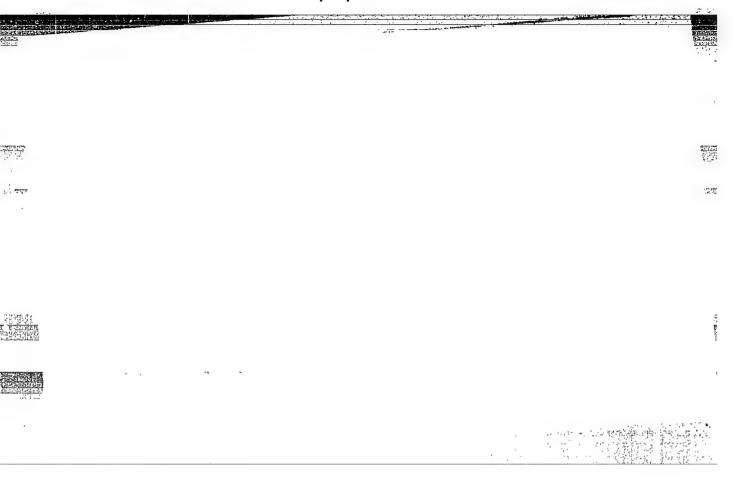(Higher mathematics)

30: Monthly List Of East European Accessions, LC, Vol.3, No.1, Jan. 1954, Uncl.

(1954), 123-131
The present paper contains proofs of results previously
D. Acad. Sci. Paris 238

VIDAV, I.

G.A.Dirac and M.D.Stojakovic's Problem cetiri boje (Problem of Four Colors; a book review. Obz mat fiz 7 no.4:191-192 '60.

(EEAI 10:5)

1. Drustvo matematikov in fizikov LRS; Urednistvo, Obzornik za matematiko in fiziko.

(Dirac, G.A.) (Stojakovic, M.D.) (Maps)
(Mathematics)

VIDAV, Ivan

On the definition of the definite integral. Obz mat fiz 8 no.2:49-54
'61.

VIDAV, Ivan (Ljubljana)

On a system of axioms characterizing the algebras C. Glas mat
fiz Hrv 16 no.3/4:189-193 '61.

VIDAV, I.

Head Professor Janko Branc; obituary. Obz mat fiz 10 no.3:
136 N'63.

1. Clan Uredniskeg odbora, "Obzornik za matematiko in fiziko".

VIDAV, Ivan

Categories and functors. Obz mat fiz 11 no.1:1-12 Ja'64

PODOL'SKIY, M.V.; VIDAVSKAYA, G.M.

Study of the microstructure of dry blood preparations. Probl.
gemat. i perel. krovi no.5:51-53 '65.   (MIRA 18:10)

1. TSentral'nyy ordena Lenina institut gematologii i perelivaniya
krovi (dir.-dotsent A.Ye. Kiselev) Ministerstva zdravookhraneniya
SSSR, Moskva.

ESKIN, I.A., professor (Moskva); VIDAVSKAYA, G.M. (Moskva)

Effect of light on the peripheral eosinophile count and on adrenal function. Probl.endok. i gorm. 2 no.1:82-87 Ja-F '56. (MLRA 9:10)

1. Iz otdela eksperimental'noy biologii (zav. - prof. I.A.Eskin) Vsesoyuznogo instituta eksperimental'noy endokrinologii (dir. - prof. Ye.A.Vasyukova)
    (ADRENAL CORTEX, physiology,
        eff. of light in rats (Rus))
    (EOSINOPHIL COUNT,
        eff. of light in rats (Rus))
    (LIGHT, effects,
        on adrenal cortex & eosinophil count (Rus))

VIDAVSKIY, A.L., inzh.

About an accident. Energetik 7 no.3:20-21 Mr '59.   (MIRA 12:4)

(Electricity, Injuries from)

SOV/91-59-3-11/22

8(3,4)

AUTHOR: Vidavskiy, A.L., Engineer

TITLE: A Fatal Accident (Ob odnom neschastnom sluchaye)

PERIODICAL: Energetik, 1959,   Nr 3, pp 20-21 (USSR)

ABSTRACT: The author describes a fatal accident in which an
electrician was struck by current from a 400 volt
line, believed to have no electric potential. The
cause of this accident was a burned-out cable ground-
ing the generator and a ground fault from one of the
phases. There is 1 circuit.

Card 1/1

3/081/62/000/010/018/085
B138/B101

AUTHORS: Vidavskiy, L. M., Kovba, L. M., Ippolitova, Ye. A., Spitsyn, Vikt. I.

TITLE: Reaction of uranoso-uranic oxide with sodium and potassium nitrates

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1962, 93, abstract 10V16 (Sb. "Issled. v obl. khimii urana". M., Mosk. un-t, 1961, 65 - 66)

TEXT: Using the methods of X-ray phase and thermal analysis it has been found that reaction between U_3O_8 and $NaNO_3$ begins at 410°C. As a result of this reaction the Na di-uranate is formed which reacts at a higher temperature (530°C) with the nitrate, to form the Na mono-uranate. As a result of interaction between the U_3O_8 and KNO_3 (beginning at 390°C) the potassium di-uranate is formed. [Abstracter's note: Complete translation.]

Card 1/1

S/081/62/000/010/017/085
B138/B101

AUTHORS: Vidavskiy, L. M., Kovba, L. M., Ippolitova, Ye. A.

TITLE: Interaction between uranoso-uranic oxide and the sulfates of sodium and potassium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 10, 1962, 92 - 93, abstract 10V15 (Sb. "Issled. v obl. khimii urana". M., Mosk. un-t, 1961, 63 - 64)

TEXT: Using the methods of thermal and X-ray phase analysis, studies have been made of the reaction of U_3O_8 with Na and K sulfates. The reaction between U_3O_8 and Na_2SO_4 begins at $500^\circ C$. As a result of this reaction sodium di-uranate and UO_2SO_4 are formed which enter into reaction at a higher temperature, resulting in the formation of the di-uranate. The reaction between K_2SO_4 and U_3O_8, which begins at $580^\circ C$, is accompanied by the formation of the potassium tri-uranate and UO_2SO_4. When the temperature is raised both these products react with K_2SO_4 to form the di-uranate.
Card 1/2

Interaction between uranoso-uranic ...

S/081/62/000/010/017/085
B138/B101

[Abstracter's note: Complete translation.]

Card 2/2

KOVBA, L.M.; VIDAVSKIY, L.M.; LAVUT, E.G.

Study of ε -UO$_3$. Zhur.strukt.khim. 4 no.4:627-629 Jl-Ag '63.
(MIRA 16:9)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Uranium oxide crystals)

VIDAVSKIY, L.M.; KOVAL'CHUK, V. Yu.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of oxidation with hydrogen peroxide of uranium (IV) sulfate terahydrate and octahydrate. Zhur. neorg. khim. 9 no.6:1489-1491 Je '63   (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova, kafedra neorganicheskoy khimii.

VIDAVSKIY, L.M.; KOVAL'CHUK, V.Yu.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of the reaction of amorphous uranium trioxide with
sulfuric acid. Vest. Mosk. un. Ser. 2: Khim. 19 no.5:65-68
S-O '64.

(MIRA 17:11)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

VIDAVSKIY, L.M.; LAVUT, E.G.; KOVBA, L.M.; IPPOLITOVA, Ye.A.

Conditions of the formation of various modifications of uranium trioxide.
Dokl. AN SSSR 154 no.6:1371-1373 F '64.   (MIRA 17:2)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno
akademikom V.I.Spitsynym.

LAVUT, E.G.; VIDAVSKIY, L.M.

Autoclave for studying reactions over a wide range of temperatures.
Zhur. fiz. khim. 39 no.2:519-520 F '65. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova,
khimicheskiy fakul'tet.

VIDAVSKIY, L.M.; BYAKHOVA, N.I.; IPPOLITOVA, Ye.A.

Enthalpy of the reaction of γ-UO_3 with hydrofluoric acid and
the enthalpy of γ-UO_3 formation. Zhur. neorg. khim. 10
no.7:1746-1747 Jl '65.   (MIRA 18:8)

1. Kafedra neorganicheskoy khimii Moskovskiy gosudarstvennyy
universitet imeni M.V. Lomonosova.

VIDAVSKIY, L.M.; BYAKHOVA, N.I.; KOVAL'CHUK, V.Yu.; IPPOLITOVA, Ye.A.

Preparation of amorphous uranium trioxide by thermal decomposition of uranium peroxide 4 hydrate. Vest.Mosk.un.Ser.2:Khim. 19 no.4:33-34   Jl-Ag '64.   (MIRA 18:8)

1. Kafedra neorganicheskoy khimii Moskovskogo universiteta.

VIDE, Albert, dipl. inz.

Applied theory of drives in mechanical engineering. Pt.1.
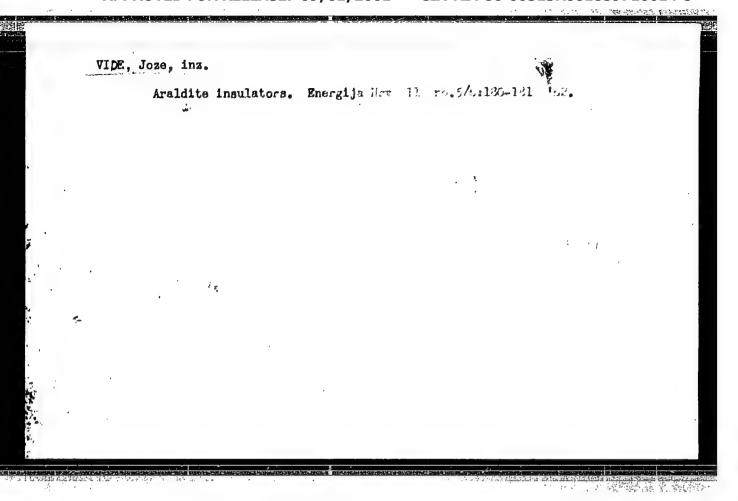Stroj vest 10 no.3:91-92   Je   '64.

1. Institute of Motors and Motor Vehicles, Maribor.
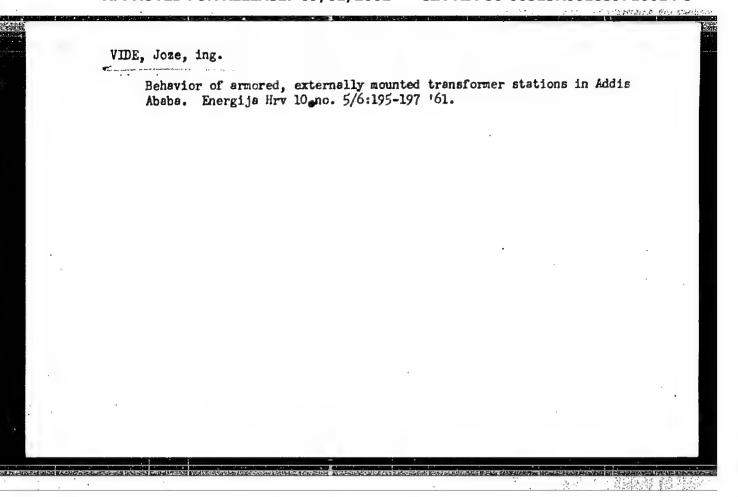
VIDE, Albert, dipl. inz.

Applied theory of drives in mechanical engineering. Pt.2.
Stroj vest 10 no.4/5:156 O '64.

1. Institute of Motors and Motor Vehicles, Maribor.

VIDE, Joze, inz.

Araldite insulators. Energija llet 11 no.5/6:136-141 '62.

VIDE, Joze, ing.

Behavior of armored, externally mounted transformer stations in Addis Ababa. Energija Hrv 10, no. 5/6:195-197 '61.

VIDE, Jozo, ing. (Maribor)

Copper and aluminum in the construction of transmission lines. Energija
Hrv 10 no. 7/8:243-246 '61.

1. Hidromontaza, Maribor.

VIDEANU, C., ing.

Applyihg the chain method. Constr Buc 16 no.745:1 18 Ap '64.

1. Seful santierului nr.3 Rimnicu-Vilcea al Trustului Regional de Constructii de Locuinte, Arges.

KUKOLJA, S. (Zagreb); POLAK, Lj. (Zagreb); KRNJEVIC, H. (Zagreb);
       VIDEK, M. (Zagreb)

Substances acting on the central nervous system. Croat chem
acta 33 no.3:121-126 '61.

1. Research Department, "Pliva" Pharmaceutical and Chemical
Works, Zagreb, Croatia, Yugoslavia. 2. Member of the Editorial
Board, "Croatica chemica acta, Arhiv za kemiju" (for Kukolja).

S/081/62/000/021/019/069
B156/B101

AUTHORS: Kukolja, S., Polak, Lj., Krnjević, H., Videk, M.

TITLE: Substances acting on the central nervous system.   IV.   Deri-
               vatives of 2-ethyl-2-phenyl butyramide

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1962, 157, abstract
               21Zh125 (Croat. chem. acta, v. 33, no. 3, 1961, 121 - 126
               [Eng.]; summary in Serb.-Croat.])

TEXT: Research to find substances acting on the central nervous system
has involved the synthesis of a number of derivatives of $C_6H_5C(C_2H_5)_2COOH$ (acid I):
$C_6H_5C(C_2H_5)_2CONHR$ (II), $C_6H_5C(C_2H_5)_2CONHCOR$ (III) and $4-RC_6H_4C(C_2H_5)COR'$
(IV). To 0.1 mole I in 200 ml absolute C_6H_6 40 ml $SOCl_2$ are added; the
whole is boiled for 2 hrs, and the volatiles distilles off; without any
further purification, the acid chloride is dissolved in 50 ml C_6H_6 or
$HCON(CH_3)_2$, 0.05 mole of anhydrous Na_2CO_3 and 0.1 mole of the appropriate
amide added, and the mixture heated for 2 hrs at $\sim 100°C$ and left for

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,12 hrs at ~20°C; the residue is washed in 10 ml C_6H_6, and II separated
from the combined filtrates 3, the gross formula, the yield in $\%$, and the
melting point in °C (from alcohol) are given]: C_2H_5, $C_{14}H_{21}NO$, 90, 10}
- 104; $CH_2CH_2N(C_2H_5)_2$, $C_{18}H_{31}ClN_2O$ (hydrochloride), 60, 164 - 165 (from
alcohol ether); CH_2CH_2OH, $C_{14}H_{21}NO_2$, 81, 66 - 67.5 (from benzene +
petroleum ether); $-CH_2CH_2-$, $C_{26}H_{36}N_2O_2$, 80, 107 - 109 (from benzene
+ petroleum ether); C_6H_5, $C_{18}H_{21}NO$, 89, 85 - 86.5; $CH_2C_6H_5$, $C_{19}H_{25}NO$, 85,
120 - 122; 5-propyl mercapto thiadiazole-1,3,4-yl-2, $C_{17}H_{23}N_3OS_2$, 78,
89 - 91; 5-isopropyl mercapto thiadiazolyl-1,3,4-yl-2, $C_{17}H_{23}N_3OS_2$, 61,
91 - 93; 2-phenyl-pyrazolyl-3, $C_{21}H_{23}N_3O$, 70, 126 - 128. 0.02 mole of
$C_6H_5C(C_2H_5)_2CONH_2$ (V) and 0.02 mole $NaNH_2$ are boiled in 15 ml of anhydrous
C_6H_6 for 2 hrs; after cooling, 0.025 mole of RCOCl are added and the
mixture is boiled for 2 hrs; after ,12 hrs, at ,20°C, 10 ml of water are
added, and III is separated from the organic layer [(R, the gross formula,
Card 2/5

the percentage yield, and the melting point in ^oC (from alcohol) are given]: CH_3, $C_{14}H_{19}NO_2$, 18, 89 - 92; C_2H_5, $C_{15}H_{21}NO_2$, 15, 100 - 102; C_6H_5, $C_{19}H_{21}NO_2$, 12, 123 - 125; $CHBrCH(CH_3)_2$, $C_{17}H_{24}BrNO_2$, 10, 114 - 116. During 20 min, 4 ml of fuming HNO_3 are added under cooling to 10 g I in 40 ml of concentrated H_2SO_4, and the mixture is held at 0 - 10^oC for 30 min; it is poured onto ice, and 46 % of IV (R - NO_2, R' - OH) (IVa), $C_{12}H_{15}NO_4$, m.p. 144 - 146^oC (from benzene) are separated by recrystallization. 2.4 g IVa and 0.5 g anhydrous Na_2CO_3 in 15 ml water are hydrogenated over 0.05 g of Pd/C at $\sim 20^oC$ and 760 mm; the filtrate is neutralized with HCl, and 70 % of IV (R - NH_2, R' - OH) (IVb), $C_{12}H_{17}NO_2$, m.p. 166 - 167^oC (from alcohol), are separated. 1 g IVb in 10 ml $(CH_3CO)_2O$ is boiled for 2 hrs, the excess of anhydride evaporated, and the residue dissolved in 10 % Na_2CO_3; acidifying the alkaline solution provides 41.5% of IV (R - CH_3CONH, R' - OH) (IVc), $C_{14}H_{19}NO_3$, m.p. 197 - 198^oC (from aqueous

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alcohol). Another substance produced from IVa is IV $(R = N(CH_3)_2, R' = OH)$
(IVd), $CH_{14}N_{21}NO_2$, yield 83 %, m.p. 145 - 146°C (from dilute alcohol).
0.5 g IVd are methylated with CH_2N_2 produced from 1 g nitroso-methyl
carbamide, and the methyl ester of IVd $[R = N(CH_3)_2, R' = OCH_3]$, $C_{15}H_{23}NO_2$,
is obtained; yield 90 %, m.p. 79 - 80°C. The methyl ester $(R = CH_3CONH,$
$R' = OCH_3)$, $C_{15}H_{21}NO_3$, (yield 90 %, m.p. 143 - 144°C) is synthesized in an
analogous manner from 0.6 g of IVc. 10 g IV $(R = H, R' = NH_2)$ (IVe) are
cooled with ice and added to 50 ml of concentrated H_2SO_4, and during 20 min
at 0 - 10°C 4 ml of fuming HNO_3 are added drop by drop; the mixture is
held in ice for 30 min, and poured out onto ice; the resultant product is
54 % of IV $(R = NO_2, R' = NH_2)$ (IVf), $C_{12}H_{16}N_2O_3$, m.p. 127 - 128°C. To
1 g IVa in 10 ml C_6H_6 2 ml of $SOCl_2$ are added; the mixture is boiled for
2 hrs, the volatile substances evaporated, the residue dissolved in 10 ml
C_6H_6 and saturated with NH_3 gas; the product is 40 % of IVf. By nitrating
Card 4/5

10 g $C_6H_5C(C_2H_5)_2CN$ (VII) in a manner analogous with the production of IVa, 47.5 % of $4-NO_2C_6H_4C(C_2H_5)_2CN$ (VIII), $C_{12}H_{14}N_2O_2$, m.p. 81 - 83°C (from benzene) are synthesized. 3 g VIII in 10 ml 96 % H_2SO_4 are heated for 8 hrs at 70°C and poured onto ice; 67 % IVf are extracted with C_6H_6. IV is correspondingly produced in a manner analogous with that described above for the synthesis of IVd and IVe (R, R'; the gross formula, the initial substance, the percentage yield, and the melting point in °C, are given): $N(CH_3)_2$, NH_2, $C_{14}H_{22}N_2O$, IVf, 79, 119 - 120; NH_2, NH_2, $C_{12}H_{18}N_2O$, IVf, 53, 142 - 143. 85 g VII, 250 ml concentrated H_2SO_4, and 25 ml water are heated at ～100°C for four hrs, and then after cooling poured onto ice, C_6H_6 being used for extracting 81 % of nonpurified IVe, m.p. 49 - 51°C. 77 g of nonpurified IVe are treated by the method described earlier (see N. Sperber et al, J. Amer. Chem. Soc., v. 70, 1948, 3091), with C_4H_9ONO in CH_3COOH, and 90 % I, m.p. of 90 - 91°C, is produced. For communication III, see RZhKhim, 1962, 8Zh134. [Abstracter's note: Complete translation.]
Card 5/5

SZUCS, Sandor, dr.; NYIREDY, Geza, dr.; NAGY, Piroska, dr.; VIDEKI, Karoly, dr.

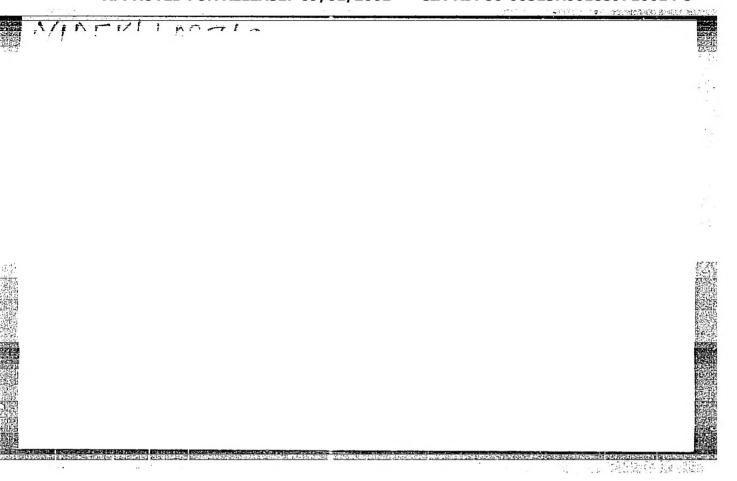Bronchogenic cysts of the mediastinum. Tuberkulozis 14 no.8:246-249 Ag '61.

1. A Budapesti Orvostudomanyi Egyetem Tudogyogyaszati Klinikaja (Igazgato: Kovats Ferenc dr. egyetemi tanar, az orvostudomanyok doktora) kozlemenye.

(MEDIASTINUM dis)   (BRONCHI dis)   (CYSTS)

VIDEKI, Laszlo; BONTOVITS, Lajos

Inner content losses in storing tomatoes. Elelm ipar 11 no.3/4:
106-108 Je-Jl '57.

1. Duna-Tiszakozi Mezogazdasagi Kiserleti Intezet, Kecskemet.